

Species Datasheet

Datasheet No. A-403.038.001
(family.genus.species)

DBT-1

1. Taxon:

Species: *Laggera alata* (D. Don) Sch. Bip. ex Oliv.

Subspecies

Variety

Cultivar

Hybrid

Image file

2. Synonyms:

3. Systematic Position:

APG IV (2016)

- Kingdom: Plantae
- Clade: Angiosperms
- Clade: Eudicots
- Clade: Superasterids
- Clade: Asterids
- Order: Asterales Link
- Family: Asteraceae Bercht. & J. Presl
- Genus: *Laggera* Sch.Bip. ex Benth.
- Species: *L. alata* (D. Don) Sch. Bip. ex Oliv.

Bentham and Hooker (1862)

Kingdom: Plantae
Division: Phanerogamia
Class: Dicotyledons
Subclass: Gamopetalae
Series: Inferae
Cohors: Asterales Link
Ordo: Compositae Giseke
Genus: *Laggera* Sch.Bip. ex Benth.
Species: *L. alata* (D. Don) Sch. Bip. ex Oliv.

4. Distribution:

Global: Africa, Bangladesh, Bhutan, Burma, Cambodia, China, Egypt, India, Indonesia, Madagascar, Malaysia, Myanmar, Laos, Nepal, Pakistan, Philippines, Sri Lanka, Thailand, Vietnam

India: Assam, Bihar, Goa, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Orissa, Sikkim, Tamil Nadu, Uttar Pradesh

5. Indigenous/Exotic/Endemic; Cultivated/Wild:

6. Threat Status:

IUCN:

BSI:

7. Habit and Habitat: Herb.

8. Life Form:

9. Economic Importance: Medicinal value

10. Probable Progenitor of:

11. DNA

C-value

Methodology

12. Basic chromosome number(s):

13. Zygotic chromosome number(s): $2n = 10^1$, $2n = 20^2$

14. Gametic chromosome number(s): $n = 10^{3-6}$

15. Specialized chromosomes (B chromosomes/Sex chromosomes/Polytene chromosomes/Neocentric chromosomes):

Image file

16. Ploidy level:

Image file

17. Agametoploidy:

18. Nature of polyploidy (auto, segmental, allo, autoallo):

19. Genomic formula:

20. Aberrant chromosome number(s) (aneuploidy, aneusomaty, polysomaty):

21. Somatic chromosomes:

Karyotype

Chromosome size

NOR chromosome(s)

Degree of asymmetry

Image file

22. Banding pattern(s):

Image file

23. Physical mapping of chromosomes:

In situ hybridization

Image file

Fluorescent in situ hybridization

Image file

24. Genomic in situ hybridization:

Image file

25. Linkage map:

Image file

26. Chromosome associations:

Female meiosis

Male meiosis

Image file

27. Chromosome distribution at anaphase I:

28. Genetic diversity:

Chromosomal level

Image file

DNA level

29. Any other information (Apomixis ; Inversion; Male sterility; Pollen grain mitosis;

Pollen stainability ; Translocations etc.): Pollen stainability: 100% ⁶